Patent claims

1. Container (100) which has a carrier (1) for the storage and presentation of surgical auxiliary material (80), in particular screws, such as bone screws, in the holding or mounting position, and at least one removable cover (48) for preventing the loss of the auxiliary material, the surgical auxiliary material (80) being capable of being presented in isolated form, characterized in that at least two containers (100) are separably connected to one another via the cover (48) and/or via the carrier (1).

2. Container (100) which has a carrier (1) for the storage and presentation of surgical auxiliary material (80), in particular screws, such as bone screws, in the holding or mounting position, and at least one removable cover (48) for preventing the loss of the auxiliary material, the surgical auxiliary material (80) being capable of being presented in isolated form, and at least two containers (100) being separably connected to one another, via the cover (48) and/or via the carrier (1), characterized in that the surgical auxiliary material (80) can be presented in isolated form by virtue of the fact that the carrier (1) has the form of a table and has a storage area (3, 3a) on a holder, in particular a hole (5), on which storage area (3, 3a) the surgical auxiliary material (30) is to be held in such a way that it hangs downwards from the storage area, and each individual holding position is designed in isolating form on the carrier (1) for holding only a single auxiliary material (80) hanging from the storage area (3, 3a) into the holder (5) and/or

only one removable cover (48) in each case is coordinated with said holding position.

3. Container (100) according to Claim 1 or 2, characterized in that the surgical auxiliary material (80) can be presented in isolated form by virtue of the fact that a removable cover (48) is provided for each individual holding position.

4. Container (100) according to Claim 1 or 2, characterized in that the surgical auxiliary material (80) can be presented in isolated form by virtue of the fact that the carrier (1) has only one holding position for holding a single auxiliary material (80).

5. Container (100) according to any of the preceding Claims, characterized in that the at least two containers (100) are separably connected via the covers (48) thereof.

6. Container (100) according to any of the preceding Claims, characterized in that the at least two containers (100) are separably connected via carriers (1), thereof.

7. Container (100) according to any of the preceding Claims, characterized in that a predetermined breaking point is provided between adjacent and connected carriers or adjacent and connected covers so that carrier (1) and/or cover (48) are separable.

8. Container (100) according to any of Claims 1-5, characterized in that a detachable connection means, in particular an orifice (54) and a stopper (52), is provided between adjacent and connected

carriers or adjacent and connected covers so that carrier (1) and/or cover (48) are separable.

9. Container (100) according to any of the preceding Claims, characterized in that the carrier (1) has a storage area (3), and in that the carrier (1) has the form of a table whose storage support area (3a) is intended for carrying a surgical auxiliary material (80), in particular a single screw or a pair of screws.

10. Container according to any of the preceding Claims, characterized in that the carrier (1) is equipped with at least one leg or preferably two legs (7, 9) which project substantially at right angles from the side (3b) opposite the storage support area (3a).

11. Container according to any of the preceding Claims, characterized in that the carrier (1) has a holder, in particular a hole (5) in which only a single isolated auxiliary material (80), in particular an isolated screw or a pair of screws, can be held, the head of which is present on the storage support area and the shaft of which is inserted between the legs (7, 9) parallel to the legs.

12. Container (100) according to Claim 10, characterized in that the holder of the carrier (1) is at least one hole (5) having a diameter which is greater than the shaft and smaller than the head of the auxiliary material to be held or of the screw (80) to be held.

13. Container according to any of the preceding Claims, characterized in that the storage area (3)

is provided with at least one recessed area (15, 17) which is dimensioned so that a matching locking tooth (44, 46) of the cover (48) can lock via the recessed area (15, 17) with the side (3b) opposite the storage support area (3a).

14. Container (100) according to any of the preceding Claims, characterized in that the legs (7, 9) of the carrier (1) open into runners (20, 22) which have overall a rounded shape and point laterally outwards.

15. Container (100) according to any of Claims 1 to 12, characterized in that the legs (7, 9) of the carrier (1) open into runners (20, 22) which overall point laterally inwards.

16. The container (100) according to any of Claims 1 to 12, characterized in that the legs (7, 9) of the carrier (1) have at least one projection each as a stop lug which is spring-mounted.

17. Container (100) according to any of the preceding Claims, characterized in that the edges and/or corners (3c, 3d, 3e, 3f) of the storage area (3) and/or of the cover are rounded.

18. Container (100) according to any of the preceding Claims, characterized in that the legs (7, 9) have extensive stop sections or guide areas.

19. Container (100) according to any of the preceding Claims, characterized in that the carrier (1) is made of a sterilizable plastic.

20. Container (100) according to any of the preceding Claims, characterized in that the cover (48) is an

arched cover (48) which is provided with at least one locking tooth (44, 46), and which preferably encompasses the storage support area (3a) from a short side (40) to a second short side (42) of the storage area (3).

21. Container (100) according to any of the preceding Claims, characterized in that the curvature of the cover (48) provides a cavity at least the size of the head of the screw (80) to be held, the curvature following in particular a radius which forms virtually a semi-circle.

22. Container (100) according to Claim 20, characterized in that the cover forms the cavity by virtue of the fact that the cover constitutes an extension of the carrier (1).

23. Container (100) according to any of the preceding Claims, characterized in that the cover (48) is in the form of a pivotable flap having a bow-shaped receptacle at least the height of the head of the screw (80) to be held.

24. Container according to Claim 22, characterized in that the cover (48) is pivotably mounted on the carrier (1) and preferably mounted so as to be lockable with the auxiliary material or the auxiliary materials.

25. Container according to any of the preceding Claims, characterized in that the cover (48) is integral with the carrier (1) and connected to it in a springy manner.

26. Container (100) according to any of the preceding Claims, characterized in that the cover (48) has

been produced from a transparent, sterilizable plastic.

27. Container (100) according to any of the preceding Claims, characterized in that a handle (50) having four sides (50a, 50b, 50c, 50d), which points in the direction opposite to the screw (80) to be held, is provided in the region of the highest elevation of the curvature of the cover (48).

28. Container (100) according to Claim 26, characterized in that two sides (50b, 50d) which in particular in each case face a tooth (44, 46) have a border or are corrugated.

29. Container (100) according to either of Claims 26 and 27, characterized in that one side (50a) has a stopper (52) and in that the other side (50c) has an orifice (54), stopper (52) and orifice (54) cooperating in a plug connection system.

30. Container (100) which has a carrier (1) for the storage and presentation of surgical auxiliary material (80), in particular screws, such as bone screws, in the holding or mounting position, and at least one removable cover (48) for preventing the loss of auxiliary material, characterized in that the surgical auxiliary material can be presented in isolated form by virtue of the fact that at least two containers for one individual auxiliary material each are separably connected to one another via the cover (48) and/or via the carrier (1), or in that the surgical auxiliary material (80) can be presented in isolated form by virtue of the fact that a separate removable cover (48) is provided for each individual holding position for holding a single auxiliary material

(80) in a container in which a plurality of auxiliary materials can be held, the individual covers being separably connected to one another.

31. Carrier system (56) for holding containers (100) according to any of the preceding Claims, characterized in that the carrier system has an extended tray-like form, and in that it is provided at regular intervals with sliding rails (90), sliding surfaces being formed on the tops thereof and locking receptacles being formed on the underside thereof.

32. Carrier system according to Claim 30, characterized in that stop lugs (92) are present between the sliding rails at the edges of the carrier system in order to hold carriers (1) between the sliding rails by snapping in by a vertical downward movement, the carriers being displaceable in a horizontal direction on the sliding rails, and in order to retain a carrier on the carrier system in the state equipped with screws by means of a stop lug.

33. Carrier system according to Claim 30, characterized in that projecting regions, for the formation of a constriction or of nubs, are provided, it being possible for the carriers with or without screws to be forced out via the constriction against resistance.

34. Retaining body (60) for holding containers (100) according to any of Claims 1 to 6, characterized in that a U-shaped base is provided having a cavity (68) between the extremities (64, 66) which are recessed inwards and whose uppermost surfaces serve as sliding surfaces for that side (3b) of

the carrier (1) which is opposite the storage support area (3a).